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OCT 2 1990

Mr. Paul R. Larson
ICB Chemicals Corporation
5505-A Robin Hood Road
Norfolk, VA 23513

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Dear Mr. Larson:

Subject: Revised Precautionary Statements
Ziram 76 WDG
EPA Registration No. 45728-12
Your Submissions Dated September 14, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. We can only assume that from the Statement of Practical Treatment for dermal toxicity, that this product is in Toxicity Category III. If that is the case, the precautionary statements must include "Harmful if absorbed through skin."
 - b. Also, if the product is in Toxicity Category II for inhalation, the Statement of Practical Treatment must state "If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."
2. Submit an eye irritation study acceptable to EPA conducted with this product within 1 year of the date of this letter.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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CONCURRENCES

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A stamped copy of the labeling is enclosed for your records.

Please refer to our letter dated July 30, 1990 for the acute toxicity studies that must be conducted for this product.

Sincerely yours,

SL

Susan Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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Ziram 76 WDG

OCT 02 1990

Fungicide

EPA Reg. No. 45728-12

EPA Est. 32557-BL-1

Active Ingredient:

Ziram (zinc dimethyl dithiocarbamate) . . . 76.0%

Inert Ingredients: 24.0%

Total 100.0%

Zinc expressed as metallic 16.25%

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and immediately flush eyes with a steady stream of water for at least 15 minutes. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Remove contaminated clothing. Wash thoroughly with plenty of soap and water. Get medical attention.

In case of emergency, immediately call (24 hours) 800/424-8300 CHEMTREC or 804/857-8615 UCB Chemicals Corporation.

See Other Panels for Additional Precautionary Statements.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration, and the National Institute for Occupational Safety and Health. Harmful if swallowed. May cause irritation of nose and throat. Wash thoroughly with soap and water after handling. Remove and separately launder clothing before reuse. May cause skin sensitization reactions in certain individuals.



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Environmental Hazards

This product is toxic to fish and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

Physical or Chemical Hazards

Keep away from fire and sparks.

Read entire label carefully and use only as directed.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Re-entry and Worker Protection Statements

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall-type garment (all of closely woven fabric covering the body, including the arms and legs); shoes and socks. Wash hands and exposed skin thoroughly after handling and before eating drinking or smoking. Remove any contaminated clothing and launder before re-use.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER

Areas treated with Ziram 76 WDG on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's re-entry interval if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

General Use Information

Ziram 76 WDG is a broad spectrum fungicide for the control of certain diseases in fruit and nut crops, and ornamentals.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

Application Equipment and Rates

Use the recommend. rates for concentrate, dilute and aerial applications. Ground application is preferred, especially when full canopy of foliage is developed.

Be sure spray equipment is clean before use; if it is contaminated with any material, crop injury or sprayer clogging may result. Calibrate spray equipment before use.

For deciduous fruits, almonds, and pecans, apply the recommended rate in a minimum of 50 gallons per acre by ground. By air, use 20 gallons per acre, or sufficient water to provide complete coverage.

Under low disease conditions, minimum label rates per application can be used while maximum label rates and shortened spray schedules are recommended for severe or threatening disease conditions.

CHEMIGATION: Do not apply this product through any type of irrigation system.

Mixing Instructions

Wear rubber gloves, long sleeves, and eye protection when mixing and loading this product into spray equipment.

To mix, fill the spray tank about 2/3 full of water and, with agitator running, slowly sift in the required amount of Ziram 76 WDG. Finish filling the tank with water and let mixing continue in the tank until thoroughly mixed before applying. Continue agitation and apply immediately.

IMPORTANT: When spraying, thorough coverage is necessary to provide good disease control. Make new dilutions for each spraying. Consult State Agricultural Experiment Station recommendations or State Extension Service Specialist for spray schedules for timing and frequency of applications in your area.

Recommendations

ALMONDS: Brown Rot Blossom and Twig Blight, Shot-Hole (Coryneum Blight), Leaf Blight - Use 8 pounds per acre in pre-bloom, blossom and petal fall periods. Scab - Use 8 pounds per acre at petal fall and 5 weeks after petal fall. Do not use later than 5 weeks after petal fall.

APPLES: Scab - Use 6 to 8 pounds per acre in pre-blossom, blossom and early cover stages. Bull's Eye Rot (Oregon and Washington) - Use 6 to 8 pounds per acre beginning 12 to 14 days after calyx stage and repeat as necessary in summer sprays. Perennial Canker (Oregon) - Use 6 to 8 pounds per acre in pre-blossom and calyx sprays.

APRICOTS: Brown Rot Blossom and Twig Blight, Shot-Hole (Coryneum Blight) - Use 8 pounds per acre in pre-bloom, blossom and petal fall through early cover sprays.

CHERRIES: Brown Rot, Blossom Blight - Use 4 to 5 pounds per acre in popcorn, full blossom, petal fall and shuck stages and approximately 2 weeks after shuck fall. Do not apply within 7 days of harvest.

CONIFERS: Fusiform Rust in Pine Seedlings - Use 2 lbs. per 100 gallons of water at 3 to 5-day intervals from plant emergence to mid-June. NOT for use in CALIFORNIA.

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Melampsora Needle Rust in Douglas Fir Christmas Trees - Use 2 pounds per 100 gallons of water. Make a single application in the spring when new shoot growth is 1/2 to 2 inches in length.

Puccinestrum Needle Rust in Shasta Fir Christmas Trees - Use 2 lbs. per 100 gallons of water. Make a single application in the spring when new shoot growth is 1/2 to 2 inches in length.

NECTARINES, PEACHES: Peach Blight (Coryneum) and Leaf Curl - Use 8 pounds per acre in the fall before heavy rains. For Leaf Curl only, use 8 pounds per acre as a dormant application prior to bud swell. Brown Rot and Peach Blight (Coryneum) - Use 8 pounds per acre in pre-bloom, blossom and petal fall sprays. May be used in early cover and before harvest. Remove excess residue by washing or wiping.

ORNAMENTALS: Directions, unless otherwise specified, include: Use the specified rate per 100 gallons of water applying at 7 to 10-day intervals during growing season to control the diseases on the ornamentals listed below. NOT for use in CALIFORNIA.

Asters: Rust - Use 1 pound in 12 gallons. Begin application in early season and continue at 7-day intervals until blossoms form.

Azaleas, Camellias: Petal Blight - Use 1-1/2 to 2 pounds. Begin application with first bloom. Repeat at 3 to 5-day intervals through bloom. Apply as a drench to mulch and litter beneath and around bushes.

Carnations, Chrysanthemums, Marigolds, Morning Glory, Snapdragons: Rust - Use 1-2/3 to 2 pounds.

Carnations, Chrysanthemums, Dahlias, Gladiolus, Snapdragons: Leaf Spot - Use 1-2/3 to 2 pounds. Apply at weekly intervals.

Cyclamens, Gardenias: Botrytis, Leaf Spot. Use 1-1/2 to 2 pounds.

Dahlias, Delphinium, Golden Glow, Hollyhocks, Phlox: Powdery Mildew - Use 1-2/3 pounds. Apply at weekly intervals.

Lilies, Peonies, Poinsettias, Tulips: Botrytis. Use 1-1/2 to 2 pounds.

Roses: Black Spot, Powdery Mildew - Use 1-2/3 pounds. Begin application when leaves unfold. Repeat at 7 to 10-day intervals throughout season.

ORNAMENTAL & ORNAMENTAL FRUIT VARIETIES: Use 2 to 3 pounds per 100 gallons of water. NOTE: DO NOT USE FRUIT FOR HUMAN CONSUMPTION. NOT for use in CALIFORNIA.

Apricots, Sweet Cherries, Wild Cherries, Choke Cherries, Nectarines, Peaches, Flowering Plums (Non-Edible only), European Laurels, Cherry Laurels, Poplar, Maples, Oak, Birch, Alder, Elm, American Hornbeam, California Buckeye: Shoot and Twig Blight, Shot Hole Fungus, Leaf Curl, Cherry Witches Broom, Plum Pockets, Leaf Blister, Catkin Hyper-trophy of Alder - Apply as a thorough coverage spray in the Dormant period prior to Bud Swell.

Apples, Flowering Crab Apples, Mountain Ash, Oregon Crab, Pear, Quince, and Service Berry: Anthracnose - Apply as a thorough coverage spray in the Fall and Dormant periods.

Apples, Peach, Pear, Poplar and Willow: European Canker - Apply as a thorough coverage spray in the Fall and Dormant periods.

PEARS: Scab - Use 6 to 8 pounds per acre in pre-blossom, blossom and early cover sprays. Storage Rot (Oregon) - Use 6 to 8 pounds per acre in pre-harvest spray.

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PECANS: Scab - Use 8 pounds per acre applying four times at 3 to 4 week intervals starting when tips of small nuts become brown. Under severe disease conditions, a fifth application in August may be required. DO NOT apply after August. NOT for use in CALIFORNIA.

STORAGE AND DISPOSAL

Pesticide Storage

Keep away from fire and sparks.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call UCB: (804)857-8615.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter, or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: UCB makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: UCB's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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